

## I&I State Fact Sheet

# Colorado

This fact sheet lists Inventions & Innovation projects from the state of Colorado.



### Biomass

- **An Indirect Route for Ethanol Production - ZeaChem, Inc.**



**Grant Category:** 2003 Category 2 Grant, \$200,000 Funding



**Abstract:** <http://www.eere.energy.gov/inventions/pdfs/zeachem.pdf>

### Building Technologies

- **Ice Bear™ - Thermal Energy Storage for the Small Packaged Terminal Air Conditioning Unit - Ice Energy, LLC (Powell Energy Products, Inc.)**



**Grant Category:** 1997 Category 2 Grant, \$98,105 Funding



**Abstract:** <http://www.eere.energy.gov/inventions/pdfs/iceenergy.pdf>

- **Electrochromic Devices Deposited on Low-Temperature Plastics by Plasma-Enhanced Chemical Vapor Deposition - CMD Research**



**Grant Category:** 2004 Category 1 Grant, \$50,000 Funding



**Abstract:** <http://www.eere.energy.gov/inventions/pdfs/cmdresearch.pdf>

## Distributed Energy

- **Gas Turbine Cooling Improvement - Fluidtherm Engineering**

 **Grant Category:** 1997 Category 2 Grant, \$97,539 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/fluidtherm.pdf>

## FreedomCAR & Vehicle Technologies

- **PowerCore: Combined Battery and Structure for Heightened Energy Storage in Electric Vehicles - Boundless Corp.**

 **Grant Category:** 1997 Category 2 Grant, \$99,551 Funding

- **Improved Fuel Efficiency from Nanocomposite Tire Tread - TDA Research, Inc.**

 **Grant Category:** 2004 Category 1 Grant, \$50,000 Funding

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/tdaresearchtiretread.pdf>

- **Production Scale-up of Activated Carbons for Ultracapacitors - TDA Research, Inc.**

 **Grant Category:** 2004 Category 2 Grant, \$250,000 Funding

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/>

## Industrial Technologies

### *Chemicals*

- **Extremely Compact and Efficient Chemical Reactor - Mesoscopic Devices, LLC**

 **Grant Category:** 2001 Category 2 Grant, \$200,000 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/mesoscopic.pdf>

### *Glass*

- **High Throughput Vacuum Processing for Innovative Uses of Glass - AVA Technologies, Inc.**

 **Grant Category:** 2001 Category 2 Grant, \$200,000 Funding



**Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/avatech.pdf>



**Abstract:** <http://www.eere.energy.gov/inventions/pdfs/avatechnologiesinc.pdf>



**Annual Report:** <http://www.eere.energy.gov/inventions/pdfs/>

## Solar Energy Technologies



### **High Throughput, Continuous, Mass Production of Photovoltaic Modules - AVA Technologies**



**Grant Category:** 2004 Category 3 Grant, \$500,000 Funding



**Abstract:** <http://www.eere.energy.gov/inventions/pdfs/avatechnologies.pdf>



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